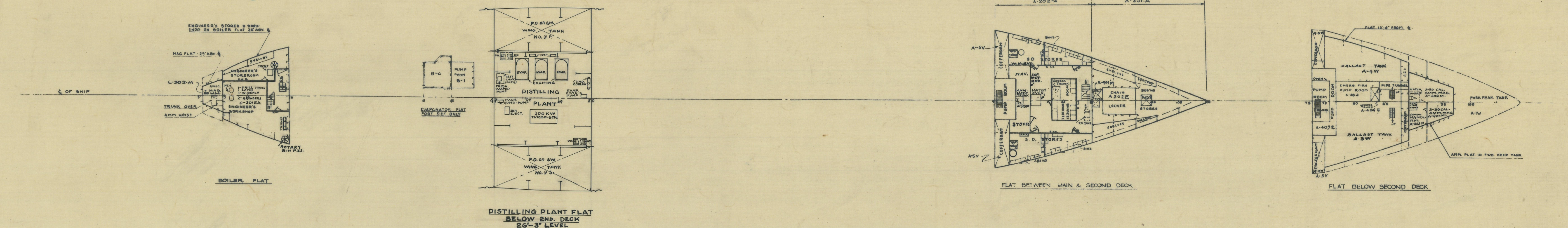
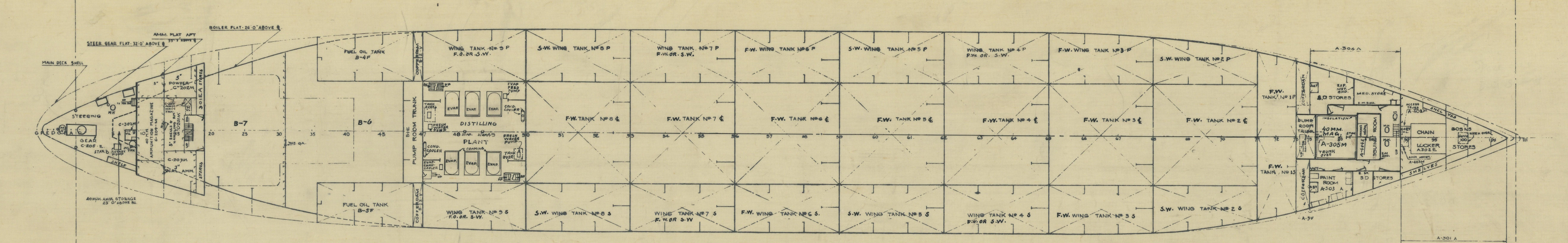
1270-45 (AW4).
Broadside, Starboard. Alterations circled
on M.I. Photos No. 1322-45 to 1326-45 inc.
Mare Island, Cal. 18 February 1945.



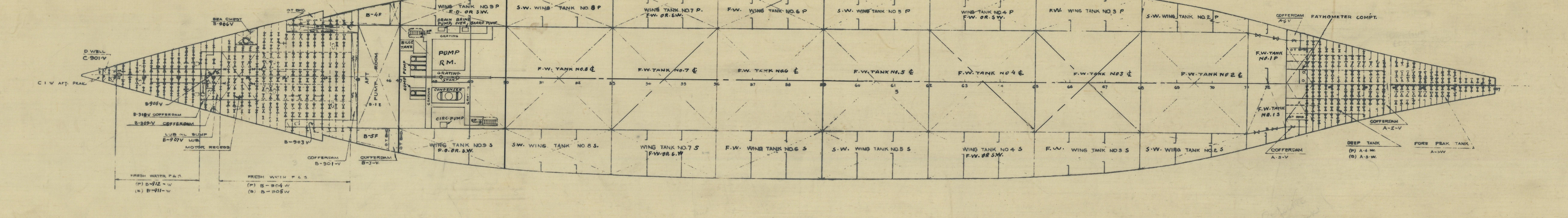
U.S.S AW4
FLATS - FOR'D & AFT.
SCALE: 1/16" - 1'- 0"
SHEET 8 OF 10 SHEETS
BU. SHIPS NO. AW4-S0103-156166

9

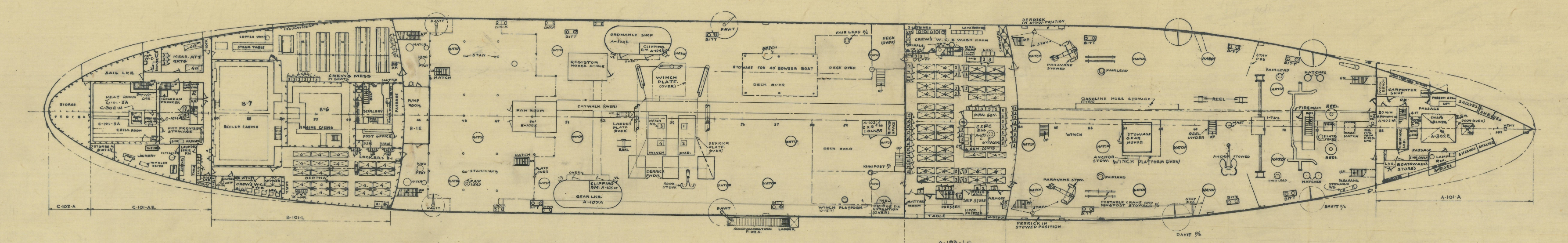


U.S.S. AW4
SECOND DECK
SCALE 1/16" = 1' - 0"
SHEET 9 OF 10 SHEETS
BU. SHIPS NO. AW4-S0103-156166

10

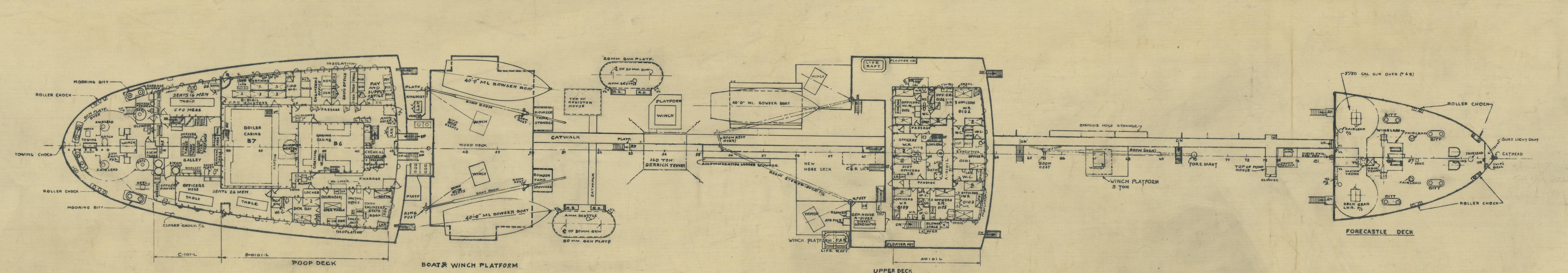


U.S.S. AW4
HOLD & INNER BOTTOM
SCALE 1/16" = 1'-0"
SHEET 10 OF 10 SHEETS
BU. SHIPS NO. AW4-S0103-156166



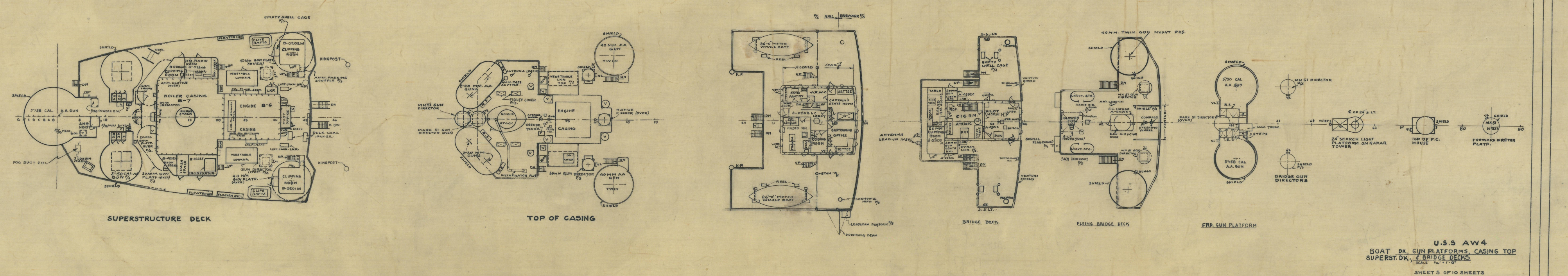
U.S.S AW4
MAIN DECK
SCALE: 1/16" = 1' - 0"
SHEET 7 OF 10 SHEETS
BU. SHIPS NO. AW4-S0103-156166

6

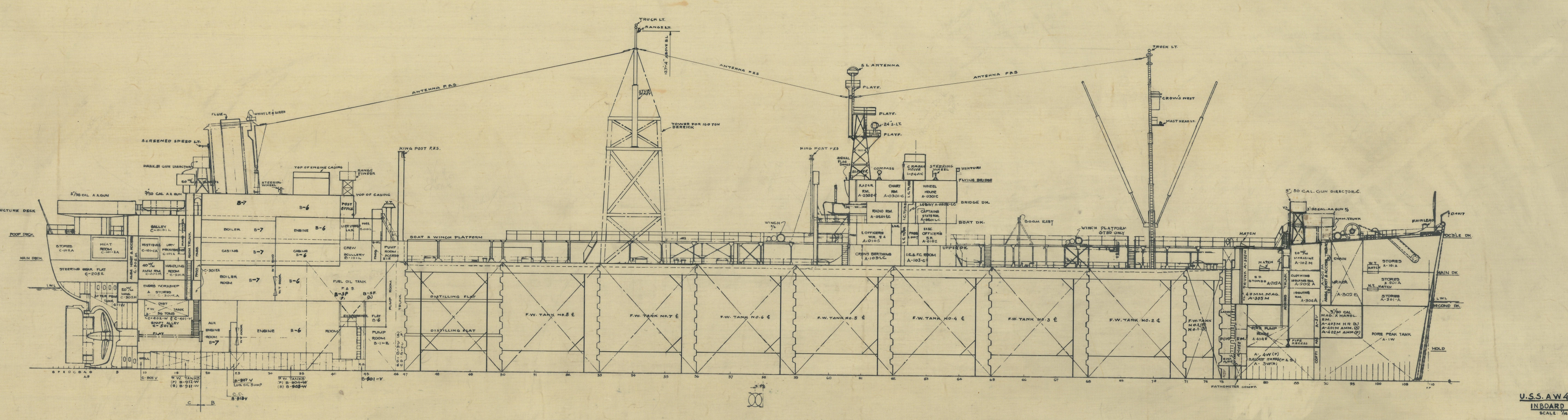


U.S.S. AW4
POOP DK.; BOAT DK.; UPPER DK.; & FORECASTLE DK.
SCALE 1/16 = 1'-0"
SHEET 6 OF 10 SHEETS
BU. SHIPS NO. AW4-S0103-156166

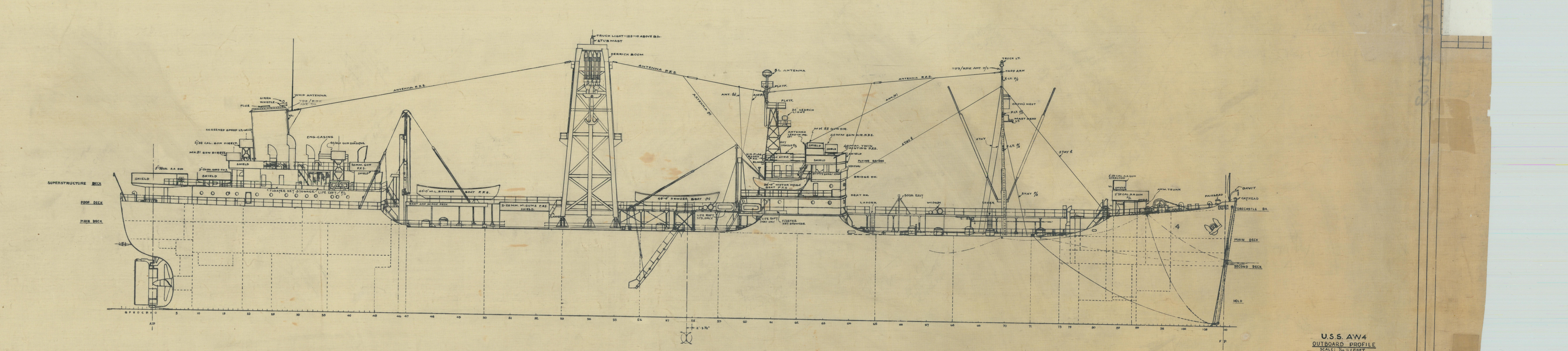
5



U.S.S AW4
BOAT DK., GUN PLATFORMS, CASING TOP
SUPERST. DK., & BRIDGE DECKS
SCALE 1/16" = 1'-0"
SHEET 5 OF 10 SHEETS
BU. SHIPS NO. AW4-S0103-156166



U.S.S. AW4
INBOARD PROFILE
SCALE 1/16" = 1'-0"
SHEET 4 OF 10 SHEETS
BU. SHIPS NO. AW4-S0103-156166



U.S.S. AW4
OUTBOARD PROFILE
SCALE: 1/16 = 1 FOOT
SHEET 3 OF 10 SHEETS
BU. SHIPS NO. AW4-S0103-156166

GENERAL DIMENSIONS

LENGTH OVERALL	523'-6"
LENGTH BETWEEN PERPENDICULARS	503'-0"
BREADTH MOLDED	68'-0"
DEPTH MOLDED TO MAIN DECK	39'-3"
DRAFT MOLDED	30'-2"
DISPLACEMENT (AT 30'-2" DRAFT)	21,880 TONS
SHAFT HORSE POWER	10,000 SHP
FUEL OIL CAPACITY (INCLUDING DEEP TANK FOR'D)	1,366 TONS
DAILY FUEL OIL CONSUMPTION AT 16 KNOTS	84 TONS
CRUISING RADIUS	6,260 MILES
DISTANCE BETWEEN MASTS	203'-6" C.C.

HEIGHTS ABOVE BASE LINE

MAIN DK.	40'-9" AT ℄
UPPER DECK	48'-9" AT ℄
FORECASTLE DECK	50'-8 7/8" AT ℄
POOP DECK	48'-9" AT ℄
BOAT DECK	56'-9" AT ℄
BRIDGE DECK	64'-9" AT ℄
FLYING BRIDGE	72'-9" AT ℄
MAST HEIGHTS (HIGHEST FIXED POINT)	124'-0"
RADAR PLATFORM	100'-9"
SIGNAL YARD	120'-6"
MAST HEAD LIGHT (BASE)	97'-0"
SEARCH LIGHT 24" (℄)	92'-9"
TRUCK LIGHT (FOREMAST)(BASE)	125'-0"
TOP OF TRUCK LT. ON STUB MAST ON DERRICK	129'-10"
SPEED LIGHT (BASE) (ABT)	84'-2"
RANGE LIGHT (BASE)	127'-4"

DATA

COMPLEMENT

SHIP'S OFFICERS	14
CHIEF PETTY OFFICERS	12
CREW	189
TOTAL	215

ARMAMENT

MAIN BATTERY	1 - 5" - 38 CAL. A.A. GUN
ANTI - AIRCRAFT	4 - 3" - 50 CAL GUNS
ANTI - AIRCRAFT	4 - 40 M/M - TWIN MACH. GUNS
ANTI - AIRCRAFT	8 - 20 M/M MACH. GUNS

SMALL BOATS

	CAPACITY
6 - 25 PERS., LIFE RAFTS	150
3 - 40' BWS'R. BOATS	270
2 - 26' MTR. WHALE BOAT	44
3 - 25 PERS. LIFE NETS	75
TOTAL	539

FIRE PLUGS

DECK	FR.	SIDE
MAIN DECK	AFT. FR. 19	PORT
" "	FR. 30½	PORT
" "	FR. 30½	STBD.
" "	FR. 47	PORT
" "	FWD FR. 53	"
" "	FR. 60½	"
" "	FWD FR. 64	"
" "	AFT. FR. 64	"
" "	AFT. FR. 69	"
" "	AFT. FR. 85	"
" "	FWD. FR. 90	"
SUPERSTRUCT. "	AFT. FR. 19	"
" "	FR. 30½	"
	" "	STBD.
BOAT DECK	AFT. FR. 61	PORT
BRIDGE DECK	AFT. FR. 61	"
POOP DECK	FR. 8	"
	AFT. FR. 35	"
	AFT. FR. 35	STBD.
UPPER DECK	AFT. FR. 61	PORT
FORECASTLE DECK	FWD. FR. 89	"
FORD FLAT	FWD FR. 89	"
AFT. FLAT	FWD. FR 8	PORT
ENGINE ROOM	FWD. FR. 2	
ENGINE ROOM	AFT. FR. 2	
BOILER ROOM	FR. "	

OFFICER'S ACCOMODATIONS.

DECK	Nº OF STATEROOMS.		CABIN OFFICERS	WARDROOM OFFICERS	WARRANT OFFICERS
BOAT			1		
UPPER	SINGLE	1		1	
	DOUBLE	5		10	
	TRIPLE	3		9	
POOP	SINGLE	1		1	
TOTALS			1	21	

ENLISTED PERSONNEL BERTHING.

DECK	BERTHS	HAMMOCKS	PEACOAT STOWAGE	LOCKERS A	LOCKERS B1 & B-2	LOCKERS D	TRANSOM
POOP	15		28	16		6	
MAIN	240				252		
TOTALS	255		28	16	252	6	

U.S.S. AW4
GENERAL DIMENSION & DATA
SHEET 2 OF 10 SHEETS
BU. SHIPS NO. AW4-S0103-156166

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UNCLASSIFIED

U.S.S. AW4
BOOKLET OF GENERAL PLANS

SHEET Nº	NUMBER & ORDER OF PLANS DESCRIPTION
1	TITLE SHEET
2	GENERAL DIMENTIONS AND DATA
3	OUTBOARD PROFILE
4	INBOARD PROFILE
5	BOAT DECK; GUN PLATF; CASING TOP; SUPERSTRUCTURE DK; BRIDGE DECK.
6	POOP DECK; BOAT PLATF. FORECASTLE DECK; UPPER DK.
7	MAIN DECK
8	FLATS-FWD. & AFT
9	SECOND DECK
10	HOLD & INNER BOTTOM

CORRECTED TO SUIT SHIP

PLACE	DATE	APPROVED
PHILADELPHIA NAVAL SHIPYARD	JAN. 5, 1949.	J. A. Kadabangh 1/5/49

INDUSTRIAL DEPARTMENT
NAVY YARD, MARE ISLAND, CALIF.

DRAWN BY:	J.P.	SCALE:	1/16" = 1 FOOT
TRACED BY:	"	DATE:	MARCH - 1945
CHECKED BY:	A. J. Rose	APPROVED:	W. E. Howard Jr.
SUPERVISOR:	C. Barrett		FOR MANAGER
PRIN. NAV. ARCH.:	Newhitthorne		

BUREAU OF SHIPS NUMBER 1-5-49
AW4 S0103 156166

A080/51